

ABSTRACT

A circuitry configuration for an electromagnetic regeneration valve actuatable by pulse-width modulation for venting the tank of a motor vehicle is described, having a power source for supplying the solenoid of the regeneration valve with electricity, a control unit for generating pulse-width-modulated signals and a switching device via which the solenoid is able to receive the pulse-width-modulated signals of the control unit. Means are provided for suppressing high induced voltages at the solenoid. This measure considerably reduces the noise generation during operation of the regeneration valve, both in pulsed and in proportional mode.